

Attorney Docket No.
IBIG1 00-2

09/990,954
Customer ID: 42671

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. (Currently amended) A method for searching for a selected role within a hierarchical organizational structure comprising:
- (a) identifying a first position within the organizational structure;
 - (b) identifying a second position which is immediately above the first position in the organizational structure;
 - (c) ~~determining~~ making a determination whether the second position is associated with the selected role[[:]] and
 - ~~(d)~~ terminating the search if when the second position is associated with the selected role[[:]] and
 - ~~(e)~~ searching positions below the second position in the organizational structure if when the second position is not associated with the selected role; and
 - ~~(f)(d)~~ repeating (c) ~~(b)-(e)~~ from the second position if when the selected role is not found among the positions below the second position in the organizational structure.
2. (Currently amended) The method of claim 1 wherein the method is initiated as part of a selected business process, wherein the selected role is associated with performance of a required function in the completion of the business process, and wherein identifying the first position comprises identifying a position initiating the business process.
3. (Currently amended) The method of claim 1 further comprising identifying the selected role, wherein identifying the selected role comprises determining which of a plurality of roles is required to authorize ~~the a~~ business process and identifying a role which is required to authorize the business process as the selected role.
4. (Currently amended) The method of claim 3 wherein identifying which of the plurality of roles is required to authorize the business process comprises providing an approval matrix associated with the business process, wherein the approval matrix includes one or more rows and one or more columns, wherein each entry in the approval matrix is defined by a corresponding row and a corresponding column, wherein each

Attorney Docket No.
IBIG1100-2

09/990,954
Customer ID: 42671

entry in the approval matrix is associated with a identifies a plurality of potential condition[[s]] and a corresponding approval role[[s]] that is required for the business process if the potential condition is met,

determining a set of conditions that apply to the business process,

determining which of the entries in the approval matrix are associated with potential conditions that are met by the conditions that apply to the business process, and

identifying the approval roles associated with the entries in the approval matrix that are associated with potential conditions that are met by the conditions that apply to the business process as the roles required to authorize the business process and selecting one or more approval roles in the approval matrix corresponding to the set of conditions which apply to the business process.

5. (Previously presented) The method of claim 4 wherein selecting the entry in the approval matrix comprises determining whether one or more trip points associated with the approval matrix have been triggered and, if so, selecting an entry corresponding to the triggered trip points.

6. (Original) The method of claim 1 wherein one or more of the roles associated with positions in the hierarchical organizational structure is not unique.

7. (Original) The method of claim 6 wherein the selected role is associated with a plurality of unique positions within the organizational structure.

8. (Original) The method of claim 1 wherein positions below the second position in the organizational structure are searched in accordance with a predetermined pattern.

9. (Original) The method of claim 1 further comprising defining the organizational structure as a hierarchical structure and defining a hierarchical role structure within which the roles associated with the positions are organized, wherein the hierarchical role structure is distinct from the hierarchical organizational structure.

Attorney Docket No.
IBIG1100-2

09/990,954
Customer ID: 42671

10. (Original) The method of claim 9 wherein the hierarchical role structure comprises at least one of the structures consisting of: a hierarchical functional role structure; a hierarchical superiority role structure; and a hierarchical legal role structure.
11. (Original) The method of claim 9 wherein the hierarchical role structure comprises at least two of the structures consisting of: a hierarchical functional role structure; a hierarchical superiority role structure; and a hierarchical legal role structure.
12. (Original) The method of claim 9 wherein the hierarchical role structure comprises: a hierarchical functional role structure; a hierarchical superiority role structure; and a hierarchical legal role structure.
13. (Original) The method of claim 12 wherein the functional role comprises hierarchical levels of a job function.
14. (Previously presented) The method of claim 12 wherein the superiority role comprises hierarchical levels of title.
15. (Original) The method of claim 14 wherein the superiority role further comprises subsets of grade.
16. (Original) The method of claim 14 wherein the superiority role further comprises EEO classification.
17. (Original) The method of claim 14 wherein the superiority role further comprises job classification.
18. (Original) The method of claim 1 wherein the selected role comprises a first selected role and wherein the method further comprises searching for a second selected role.
19. (Original) The method of claim 18 wherein searching for the first and second selected roles comprises repeating (a) - (e) for each of the first and second selected roles.

Attorney Docket No.
IBIG1100-2

09/990,954
Customer ID: 42671

20. (Original) The method of claim 18 wherein searching for the first and second selected roles comprises concurrently searching for the first selected role and the second selected role.

21. (Previously presented) A method for managing access to business processes, comprising:

providing an organization structure having a plurality of unique positions, wherein a member of the organization is associated with each of the positions;
providing a hierarchical role structure;
associating each of the positions in the organization structure with a role in the hierarchical role structure;
associating access rights for one or more automated business processes with each role in the hierarchical role structure; and
enabling each member of the organization to access the one or more automated business processes in accordance with the access rights associated with the member's position and corresponding role.

22. (Original) The method of claim 21 wherein the hierarchical role structure comprises one or more functional levels and one or more superiority levels.

23. (Original) The method of claim 22 wherein the hierarchical role structure further comprises one or more legal levels.

24. (Currently amended) A method for obtaining approval for a business process comprising:

selecting an approval matrix associated with the business process, wherein the approval matrix includes one or more rows and one or more columns, wherein each entry in the approval matrix is defined by a corresponding row and a corresponding column, wherein each entry in the approval matrix is associated with a identifies a plurality of potential condition[[s]] and a corresponding approval role[[s]] that is required for the business process if the potential condition is met;
determining which ~~whether any~~ of the potential conditions identified in the approval matrix are met;

Attorney Docket No.
BIG1100-2

09/990,954
Customer ID: 42671

selecting a set of approval roles from the approval matrix corresponding to the potential conditions that are met;

identifying [[a]] one or more positions corresponding to each of the approval roles in the selected set of approval roles; and

obtaining approval from each of the identified positions.

25. (Previously presented) The method of claim 24 wherein identifying a position corresponding to each of the roles in the set of roles comprises, for each role:

- Can*
- (a) identifying a first position within the organizational structure, wherein the first position is associated with the initiation of the business process;
 - (b) identifying a second position which is immediately above the first position in the organizational structure;
 - (c) determining whether the second position is associated with the role;
 - (d) selecting the position if the second position is associated with the role;
 - (e) searching positions below the second position if the second position is not associated with the role; and
 - (e) repeating (b)-(e) from the second position if the role is not associated with any of the positions below the second position in the organizational structure.
-